

SECRET

25 February 1955

TO : Chairman, Research, Development, and Production Review Board
FROM : Chief, Engineering Division
SUBJECT: Replacement Transmitters

1. At the present time, the requirement for a medium power transmitter is made up as follows:

a. STOCKPILE - 77

b. - 13

c. Stock - 15

d. Attrition - 12

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2. If a total procurement of 117 HT-4 transmitters was initiated today, delivery would extend over a six (6) month period starting approximately three (3) to four (4) months from now - total elapsed time, nine (9) to ten (10) months. The packing involved in the implementation of Stockpile would take another twelve (12) months after delivery for a total elapsed time of twenty-one (21) to twenty-two (22) months. If 30% or approximately twenty-five (25) transmitters were purchased for there would be essentially no delay in the overall program due to the timetable it is now following. Likewise, the implementation of Stockpile will not become a reality in anything less than twelve (12) to fourteen (14) months and the procurement for this purpose is not urgent. Finally, the twelve (12) units earmarked to meet Attrition may be eliminated by falling back on certain installed transmitters in the various areas.

3. It is recommended that the procurement of transmitters be held to a quantity of forty (40) at this time. Twenty-five (25) of these would permit the implementation of Stockpile to start, and the remainder would be used to "fireproof" us against crash needs. It is further recommended that the specifications which are ready for publication be published in an attempt to obtain a modern transmitter. Concurrent with this action, an investigation of the GN development for USAF will be made to determine its useability.

25 YEAR RE-REVIEW

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